



Patent

Attorney Docket No. 1034279-000018

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Joachim KARTHHAUSER

Application No.: 10/563,130

Filing Date: January 3, 2006

Title: METHOD OF PRODUCING AN AN INTERPENETRATING POLYMER NETWORK (IPN), THE IPN AND USE THEREOF

Group Art Unit:

Examiner:

Confirmation No.:

SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTERCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-203B is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

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By

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Registration No. 30,888

Date: April 3, 2006

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Including attorneys from Burns Doane Sweeney & Mathis

(8/05)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Joachim KARTHAUSER)	Group Art Unit:
Application No.: 10/563,130)	Examiner:
Filed: January 3, 2006)	Confirmation No.:
For: A METHOD OF PRODUCING AN)	
INTERPENETRATING POLYMER)	
NETWORK (IPN), THE IPN AND USE)	
THEREOF)	

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date April 3, 2006

By: 

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Substitute for form 1449A/PTO & 1449B/PTO

SECOND, APR 03 2006

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/563,130
Filing Date	January 3, 2006
First Named Inventor	Joachim Karthäuser
Examiner Name	
Attorney Docket Number	1034279-000018

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	US 2002/0122946	A1	Kuck et al.	09-05-2002
	US 2003/0000028	A1	Molock et al.	01-02-2003
	5,968,652		Hanggi et al.	10-19-1999
	US 2001/0036617	A1	Karmaker et al.	11-01-2001
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	5,663,237		Lee et al.	09-02-1997

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec.
	*WO 03/068846	A1	Denmark	08-21-2003							X
	*0 643 083	A1	Europe	03-15-1993						X	
	*0 315 836	A2	Europe	05-17-1989							
	*WO 03/068846	A1	WIPO	08-21-2003							

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*DAN LI, Preparation of Nanometer Dispersed Polypropylene/polystyrene Interpenetrating Network Using Supercritical CO ₂ as a Swelling Agent, Polymer 43, 2002, pp. 5363-5367.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.P./

Examiner Signature	/Kuo Liang Peng/	Date Considered	10/10/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.